

# Lake Lavon

Segment: 0821 Trinity River Basin

**Basin number:** 8  
**Basin group:** B  
**Water body description:** From Lavon Dam in Collin County, up to normal pool elevation of 492 feet (impounds East Fork Trinity River)  
**Water body classification:** Classified  
**Water body type:** Reservoir  
**Water body length / area:** 21,400 Acres  
**Water body uses:** Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met and Concerns in Previous Years Assessment Area	Use	Support Status or Concern	Parameter	Category
East Fork arm	Public Water Supply Use	Threatened	atrazine in finished drinking water	4b
Lowermost portion of reservoir	Public Water Supply Use	Threatened	atrazine in finished drinking water	4b
Middle portion of Sister Grove Creek arm	Public Water Supply Use	Threatened	atrazine in finished drinking water	4b
Remainder of segment	Public Water Supply Use	Threatened	atrazine in finished drinking water	4b

**Parameters Removed from the 2000 303(d) List:** atrazine in finished drinking water

**Additional Information:** The aquatic life and general uses are fully supported. The contact recreation and fish consumption uses were not assessed.

This segment was identified as a threatened water body on the 2000 303(d) List due to atrazine in finished drinking water. Because an insufficient number of atrazine samples in surface water were available in 2002 to demonstrate that the standard is no longer threatened, this segment will be identified as threatened for atrazine until sufficient data in surface water are available.

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
East Fork arm	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Lowermost portion of reservoir	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Lowermost portion of reservoir	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
East Fork arm	15686	LAVON LAKE USGS SITE EC
Lowermost portion of reservoir	15684	LAVON LAKE USGS SITE AL
Lowermost portion of reservoir	15685	LAVON LAKE USGS SITE AC
Middle portion of Sister Grove Creek arm	15687	LAVON LAKE USGS SITE BC

<b>Published studies:</b>		
<b>Publication</b>	<b>Date</b>	<b>Author</b>
IMS 6 Lake Lavon	Jan. 1974	Cearley, J.
IS 41 Wilson Creek	Jan. 1981	Ezell, C.